

SEQUENCE LISTING

<110> Eric B. Kmiec
Howard B. Gamper
Richard J. Bartlett

<120> Binary Hybrid Mutational Vectors

<130> 8321-74

<150> 60/209,530

<151> 2000-06-05

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<170> FastSEQ for Windows Version 4.0

<210> 1

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<212> DNA

<213> Artificial Sequence

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<223> targeting strand mdx-r6

<221> D-loop

<222> (34)...(47)

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<222> (2)...(47)

<223> O-methyl ribonucleotide bases

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<223> deoxyribonucleotide base

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47

<210> 2

<211> 50

<212> DNA

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<223> mutator strand mdx-6-1

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<223> targeting strand A

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<223> O-methyl ribonucleotide bases

<221> misc_feature

<222> (12)...(16)

<223> deoxyribonucleotide bases

<221> misc_feature

<222> (17)...(26)

<223> O-methyl ribonucleotide bases

<221> misc_feature

<222> (27)...(42)

<223> deoxyribonucleotide bases

<221> D-loop

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42

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<212> DNA

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<223> mutator strand B

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 <223> Primary Sequence of Duplex Mutational Vector S

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 <221> misc_feature
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 <223> O-methyl ribonucleotide bases

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 <223> deoxyribonucleotide bases

 <221> misc_feature
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 ttttgagag 70

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 <223> Exon 7 bHVM mutator strand

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<221> misc_feature
<222> (35)...(38)
<223> O-methylated RNA bases

<221> D-loop
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<223> hairpin loop

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<223> O-methylated RNA bases

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<222> (34)...(49)
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49

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<212> DNA

<213> Artificial Sequence

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<223> Exon 8 bHMV targeting strand

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<221> misc_feature

<222> (2)...(54)

<223> O-methylated RNA bases

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<222> (35)...(53)

<223> hairpin loop

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54